

Interleukin-2. Mouse Monoclonal Antibody 7H11AB7 Rat

Cytokine, Interleukin, interleukin-2, interleukin 2, IL-2, IL 2, interleukin two, IL two, interleukin-two, rat, rodent

BACKGROUND

Interleukin-2 (IL-2) is produced by T-cells in response to antigenic or mitogenic stimulation. This protein is required for T-cell proliferation and other activities crucial to regulation of the immune response. IL-2 can stimulate B-cells, monocytes, lymphokine-activated killer cells, natural killer cells, and glioma cells.

ORDERING INFORMATION

CATALOG NUMBER
X1929M

SIZE
0.5 mg

FORM
Unconjugated

HOST/CLONE
Mouse Clone 7H11AB7

FORMULATION
Provided as solution in phosphate buffered saline with 0.08% sodium azide

CONCENTRATION
1 mg/ml

ISOTYPE
IgG1

APPLICATIONS
Western Blot, Immunoprecipitation, Flow Cytometry

IMMUNOGEN

Hybridoma produced by the fusion of splenocytes from mice immunized with rat recombinant IL-2 protein and mouse myeloma cells.

SPECIES REACTIVITY

Rat

COMMENTS

Antibody can be used for ELISA as as capture antibody (5µg/ml) and immunoprecipitation. Optimal concentration should be evaluated by serial dilutions.

STORAGE

Product should be stored at -20°C. Aliquot to avoid freeze/thaw cycles

STABILITY

Products are stable for one year from purchase when stored properly

For research use only. Not for use in human diagnostics or therapeutics.

POSITIVE CONTROL/TISSUE EXPRESSION

Detects native and recombinant rat interleukin-2

SHIP CONDITIONS

Ship at ambient temperature, freeze upon arrival

REFERENCES

Sanchez, R., C. Williams, J.L. Daza, Q.H. Dan, Q.C. Xu, Y.J. Chen, C. Delgado, N. Arpajirakul, E.W.B. Jeffes, R.C. Kim, T. Douglass, U. Al Atar, H.T. Wepsic, and M.R. Jadus (2002) T9 glioma cells expressing membrane-macrophage colony stimulating factor or produce CD4+T cell-associated protective immunity against T9 intracranial gliomas and systemic immunity against different syngeneic gliomas. Cellular Immunology 215(1):1–11.

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